

FIG.1

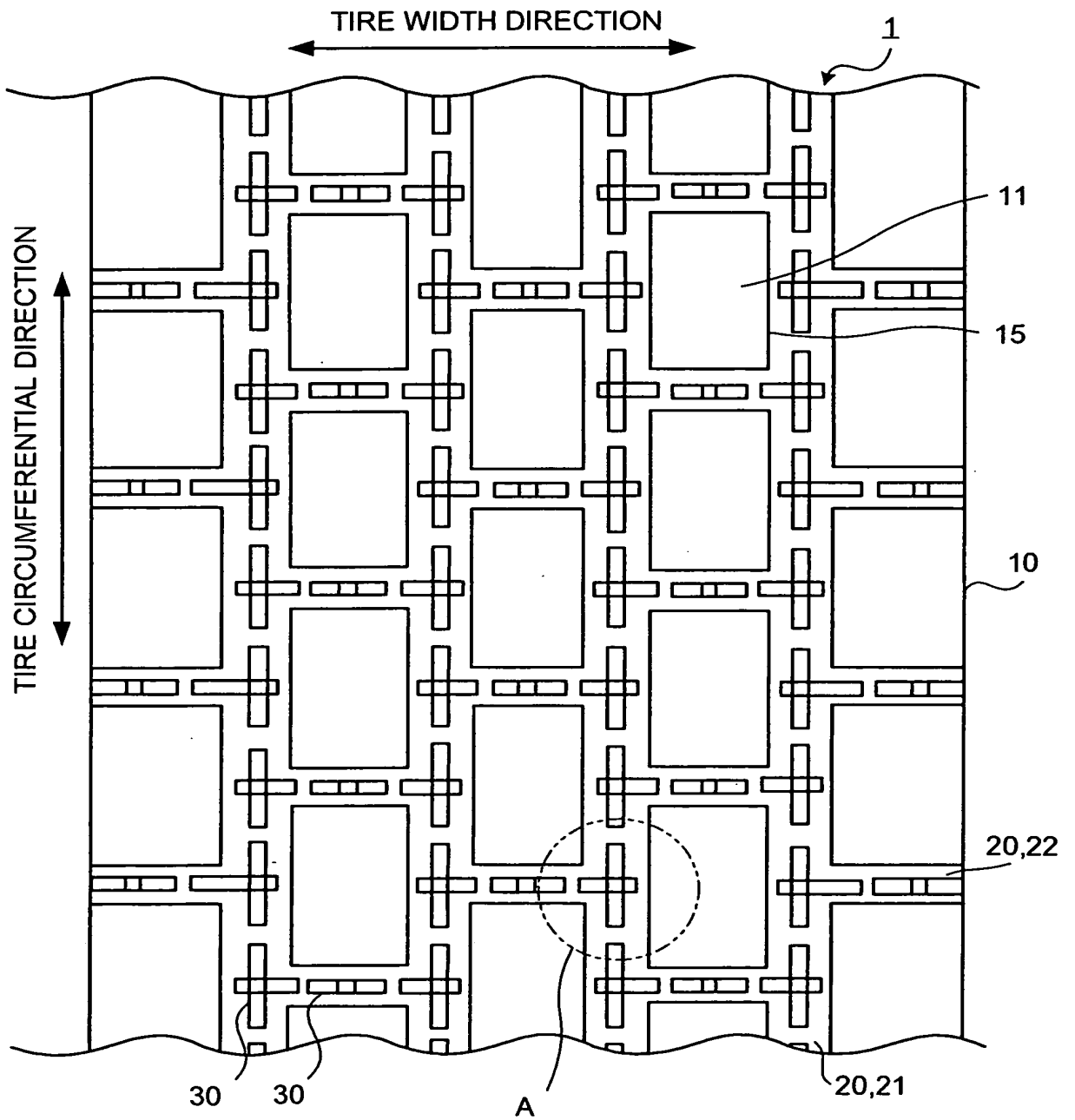


FIG.2

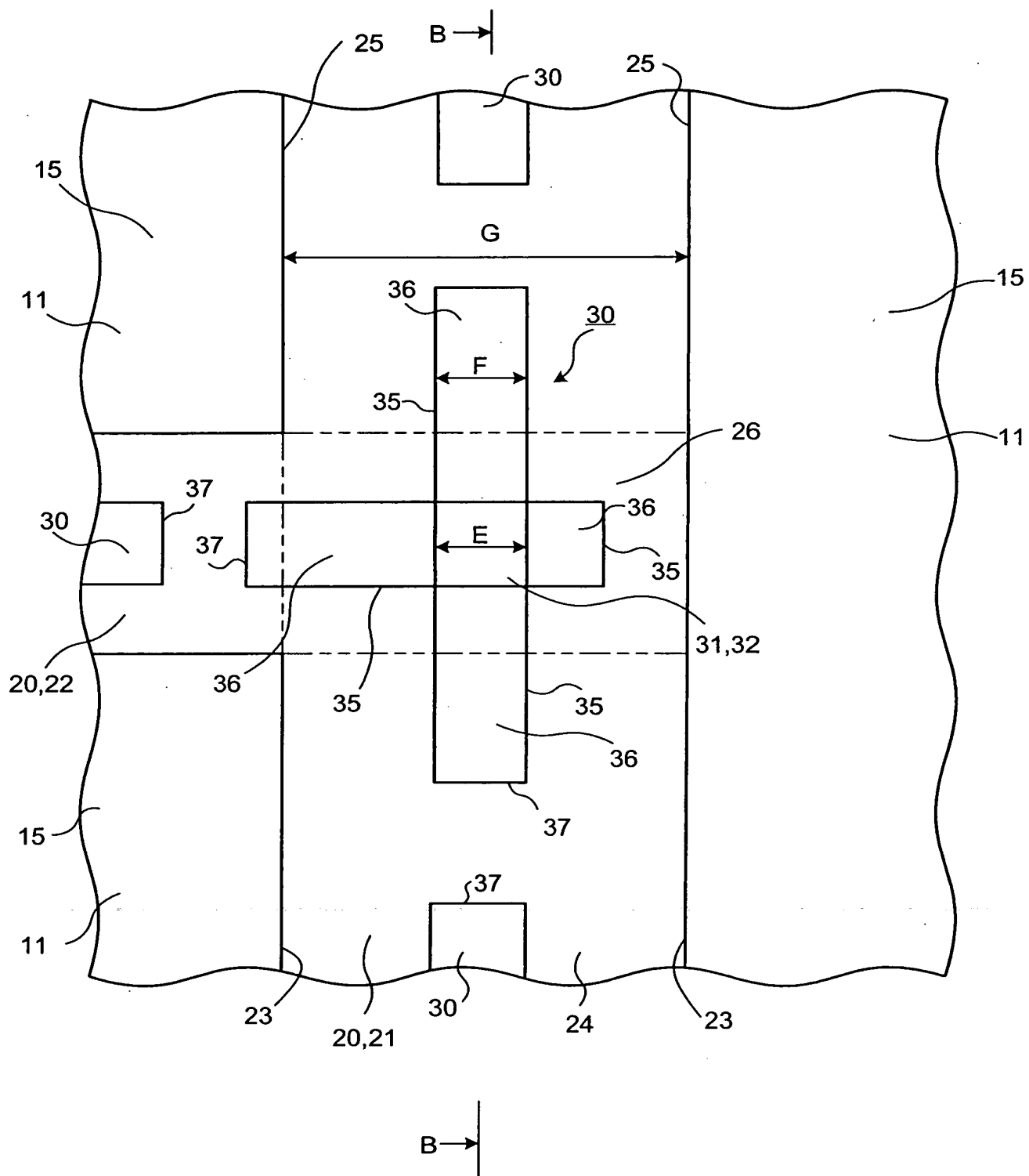


FIG.3

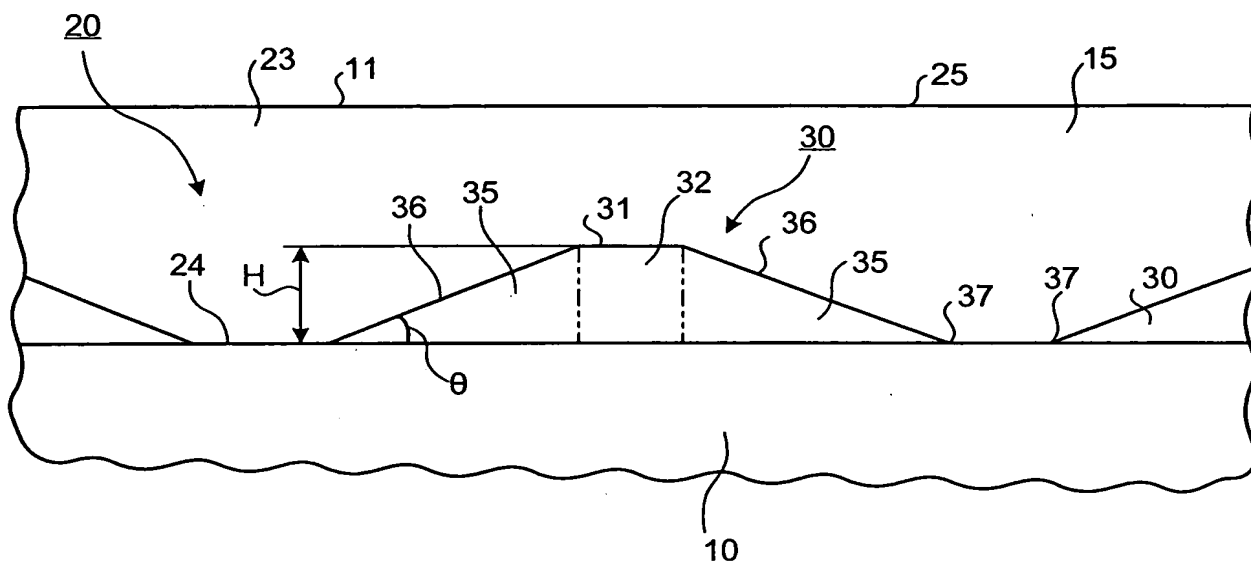


FIG.4

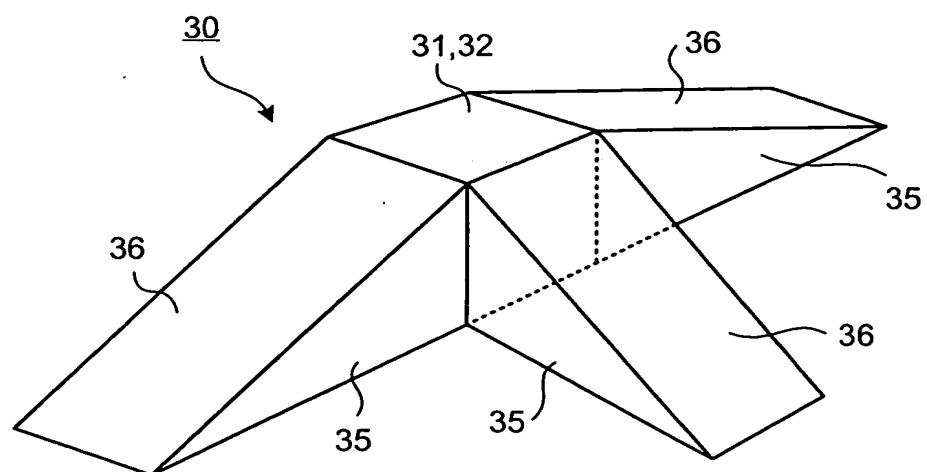


FIG.5

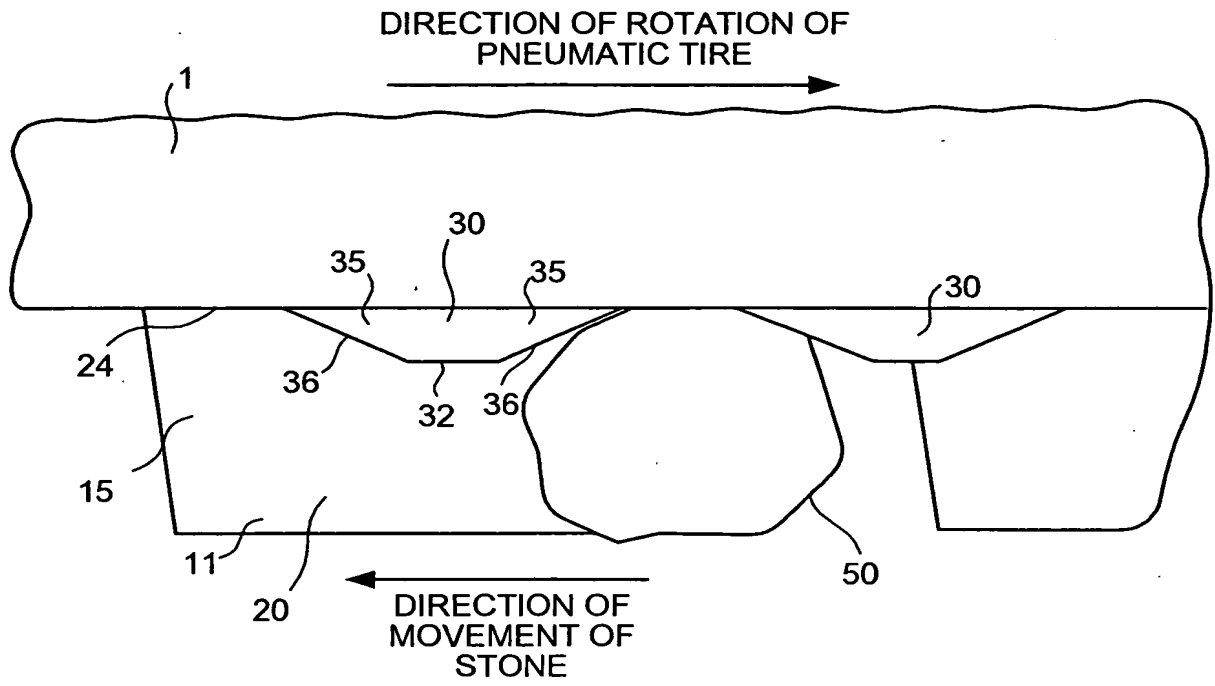


FIG.6

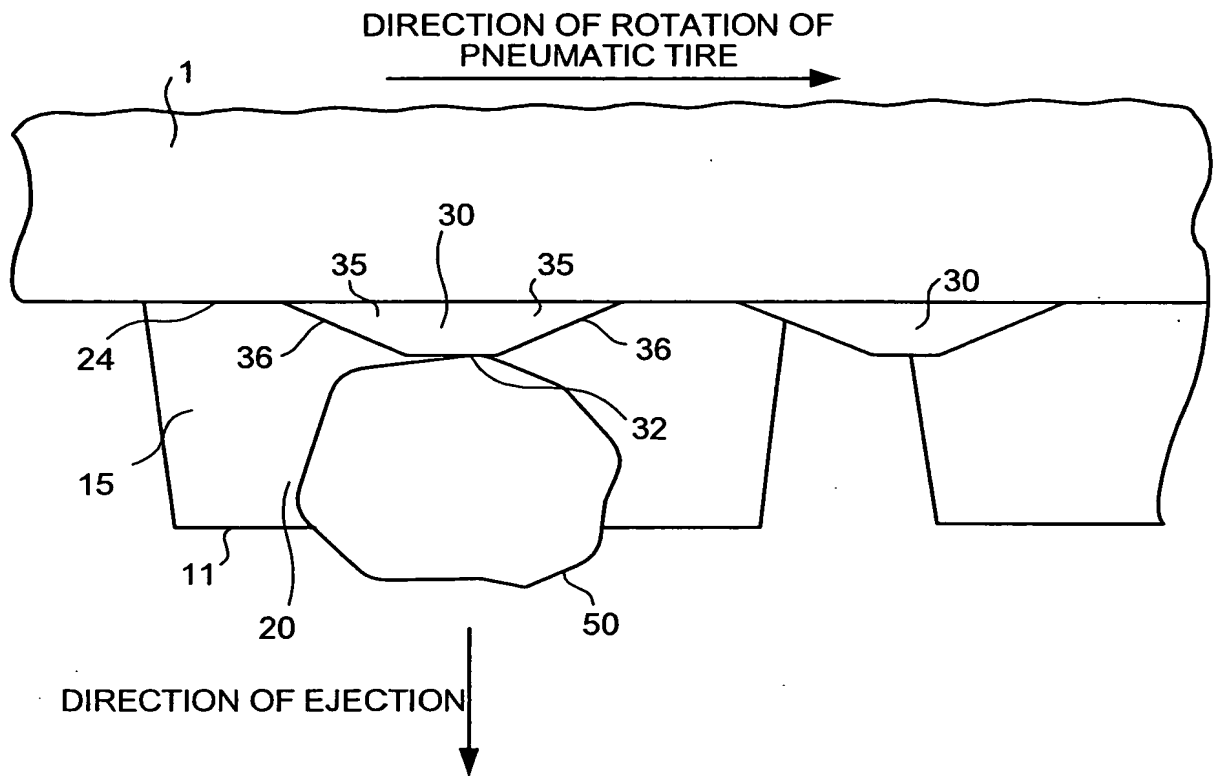


FIG. 7

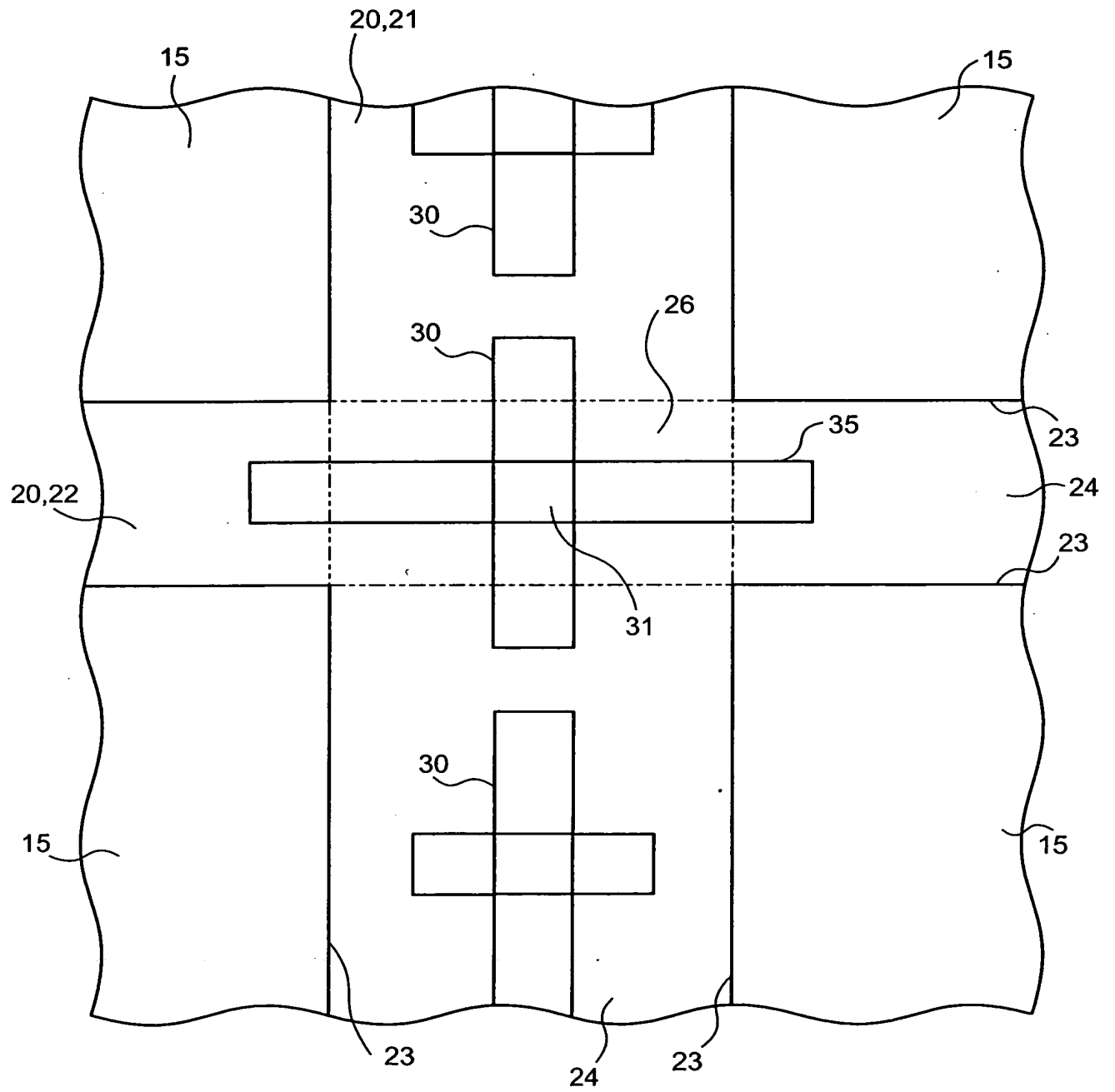


FIG. 8

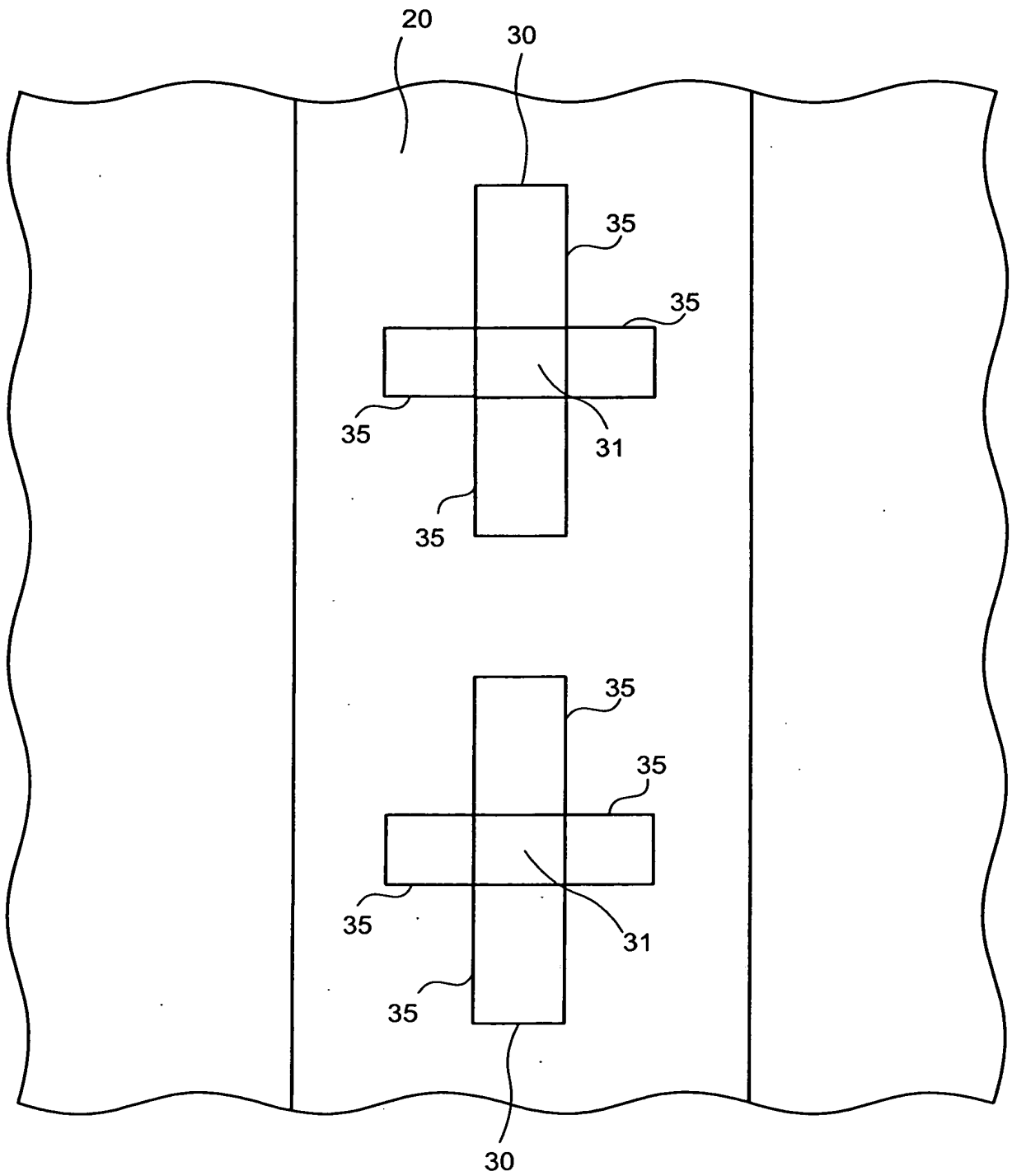


FIG.9

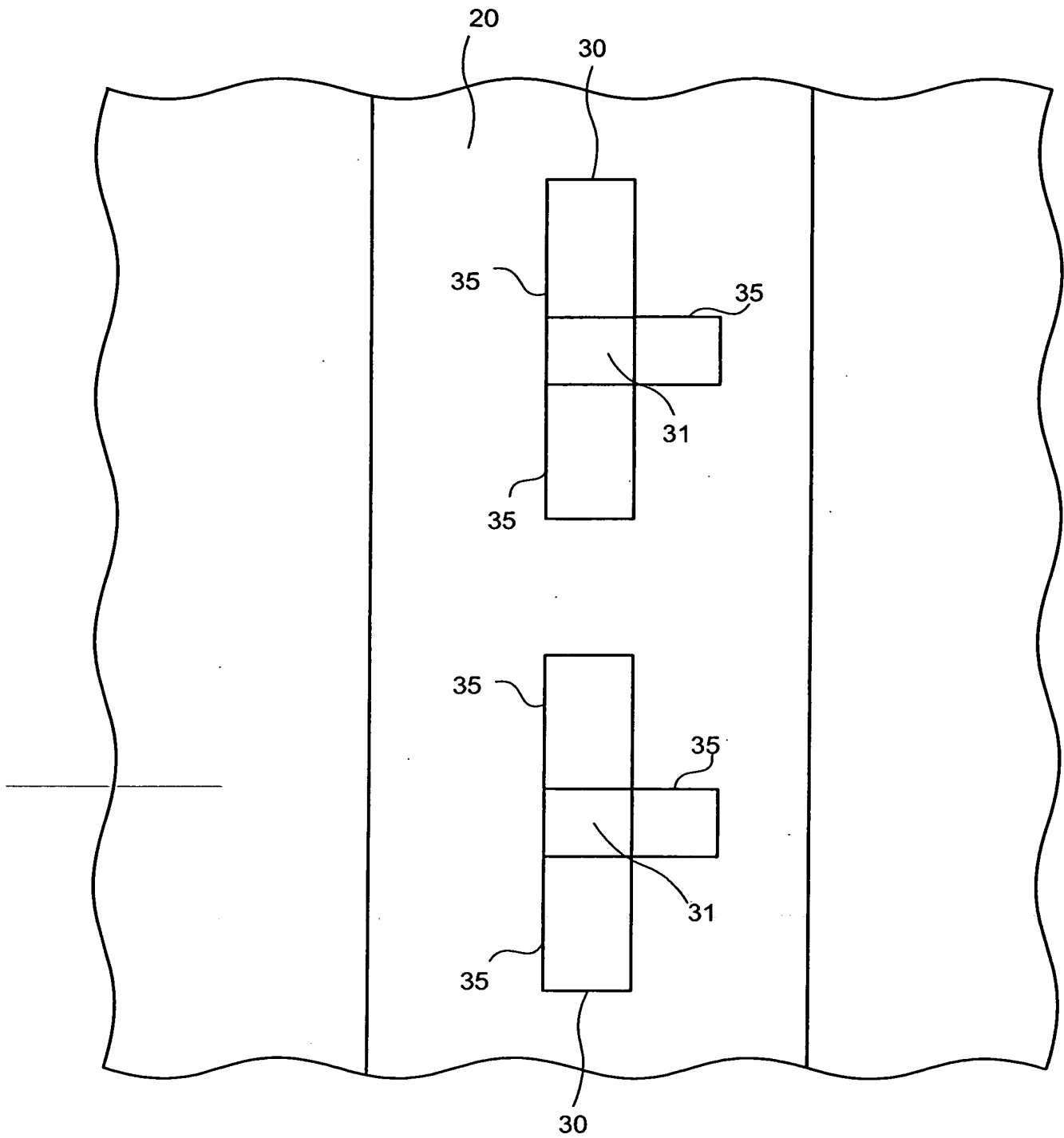


FIG.10

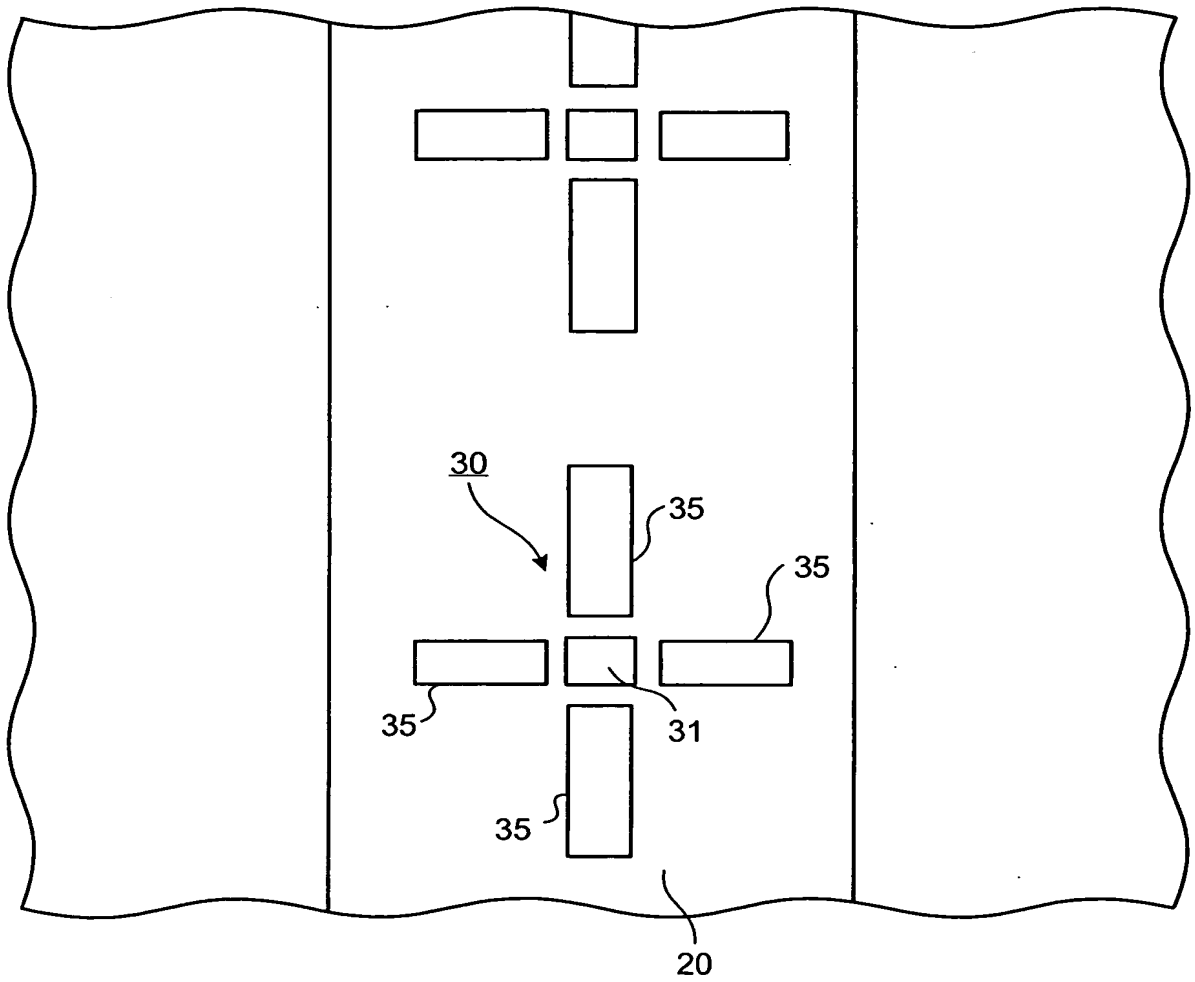


FIG. 11

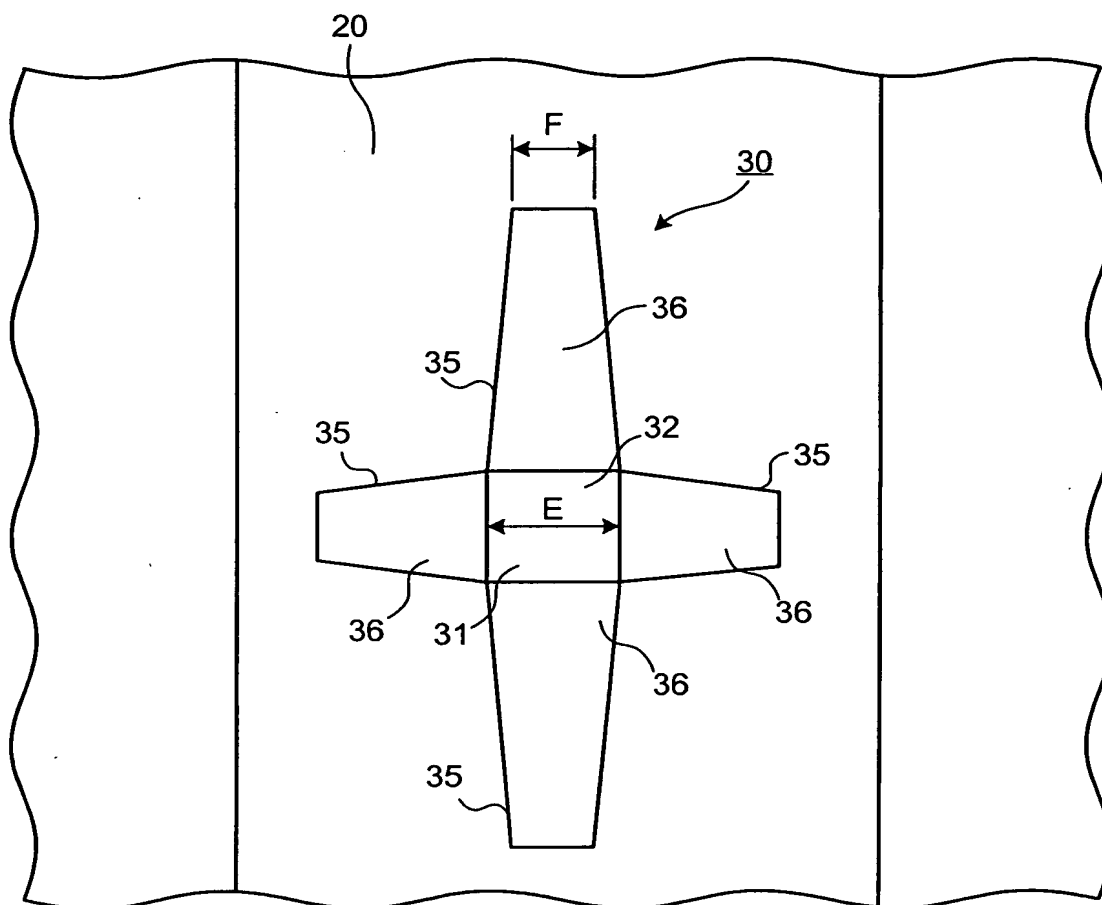


FIG.12

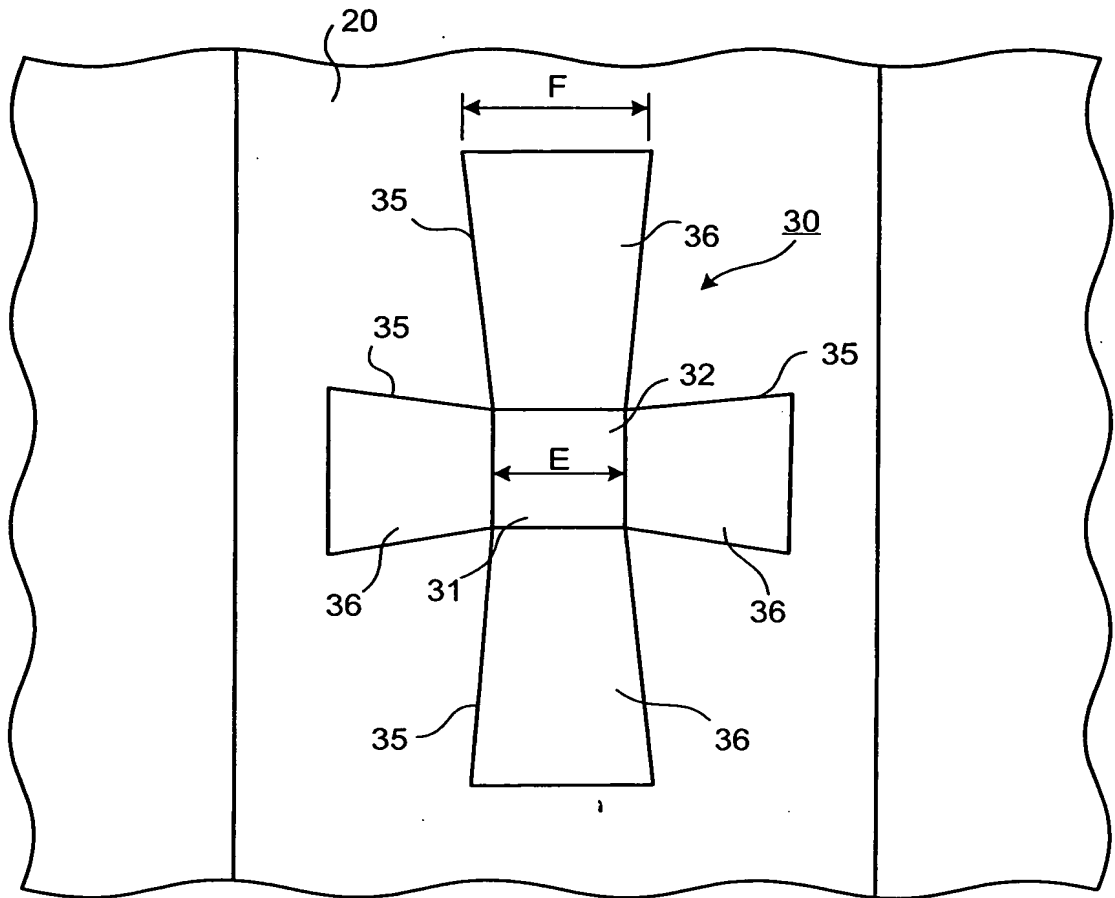


FIG.13

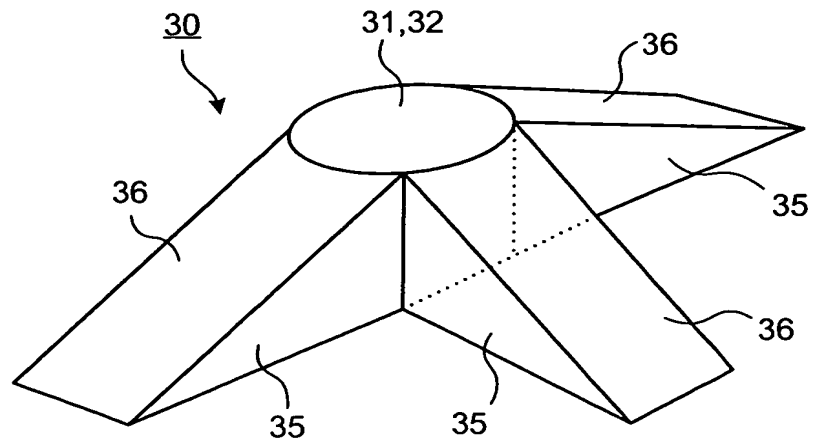


FIG. 14

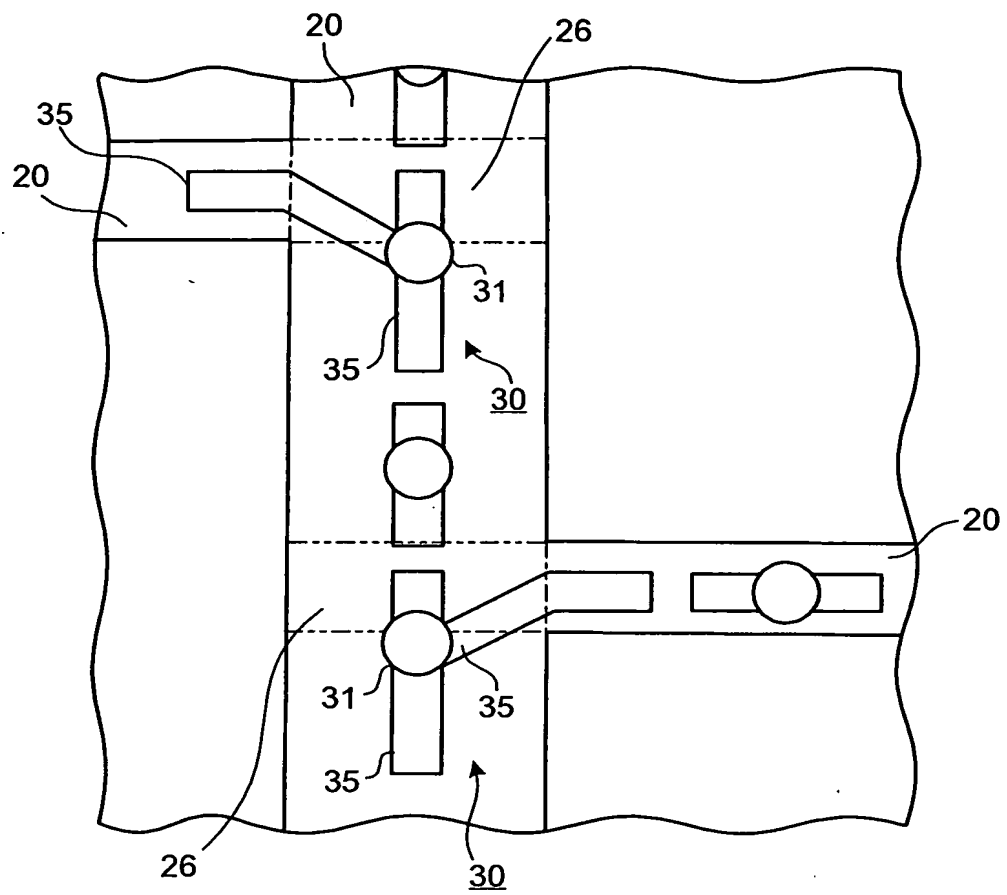


FIG. 15

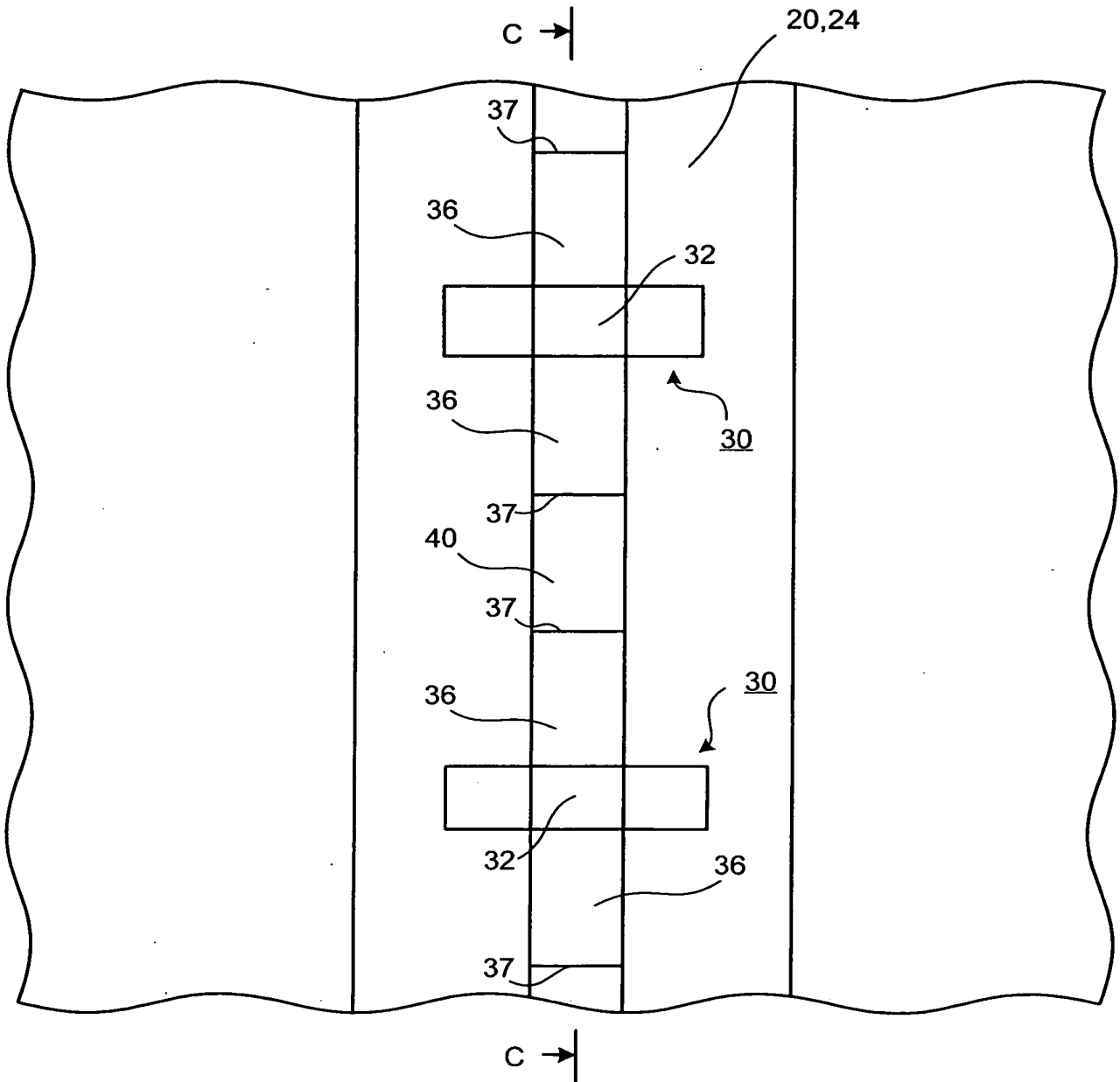


FIG.16

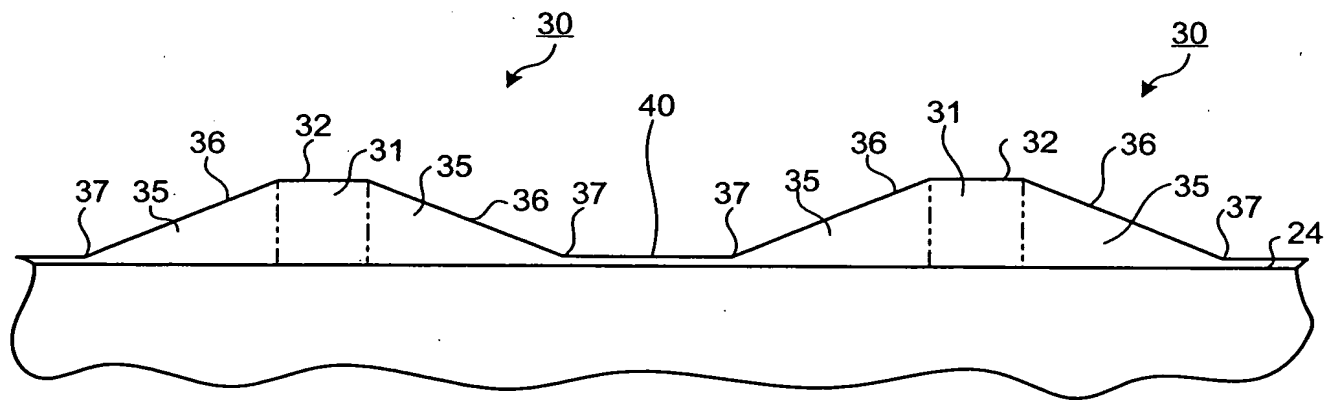


FIG.17

| | CONVENTIONAL EXAMPLE 1 | CONVENTIONAL EXAMPLE 2 | CONVENTIONAL EXAMPLE 3 | COMPARATIVE EXAMPLE 1 | COMPARATIVE EXAMPLE 2 |
|------------------------------------|---------------------------|---------------------------|------------------------------------|--------------------------|--------------------------|
| | CUBOID PROTRUSION | RIB-SHAPED PROTRUSION | WAVEFRONT- SHAPED PROTRUSION | | |
| NUMBER OF SLOPES | - | - | 2 | 1 | 3 |
| ANGLE OF SLOPE | - | - | 45 | 5 | 70 |
| RESISTANCE TO STONE DRILLING | 100 | 120 | 110 | 100 | 100 |
| SNOW TRACTION PERFORMANCE | 100 | 80 | 70 | 100 | 100 |

FIG.18

| | PRESENT INVENTION 1 | PRESENT INVENTION 2 | PRESENT INVENTION 3 | PRESENT INVENTION 4 | PRESENT INVENTION 5 | PRESENT INVENTION 6 |
|---------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| NUMBER OF SLOPES | 2 | 3 | 3 | 3 | 4 | 5 |
| ANGLE OF SLOPE | 3 | 5 | 30 | 40 | 60 | 60 |
| RESISTANCE TO STONE DRILLING | 115 | 125 | 120 | 110 | 105 | 105 |
| SNOW TRACTION PERFORMANCE | 100 | 100 | 100 | 100 | 100 | 95 |